

CLAIMS

I claim:

1. A rack for the support of workpieces for the painting of the workpieces, the rack comprising:

- 5 a vertical support tube which is supported against vertical movement;
a vertical mounting tube connected to the support tube;
a central frame connected to the vertical mounting tube, the central frame having
a cross member which extends sidewardly from the vertical mounting
tube, and a first side member which is fixed to the cross member and
10 which extends in a front to back direction; and
a front frame which is positionably connected to the central frame, the front
frame having a front arm which extends frontwardly from the vertical
mounting tube, and at least one adjustable side support arm which is
adjustably positioned on the front arm and which is positionable with
15 respect to the side support arm, the side support arm extending towards
the side member, such that a workpiece supported along an upper edge
on the first side member is engageable by the adjustable side support arm
at a position below the workpiece upper edge.

2. The apparatus of claim 1 wherein the vertical support tube extends
20 upwardly from the central frame, and further comprising an overhead mounting bracket
for attachment to an overhead element, and wherein the vertical support tube is fixed to
the overhead mounted bracket such that the entire apparatus is spaced above a floor.

3. The apparatus of claim 1 wherein the vertical support tube extends
downwardly from the central frame, and further comprising a support frame positioned
25 beneath the central frame, and wherein the vertical support tube is fixed to the support
frame.

4. The apparatus of claim 3 further comprising a plurality of wheels mounted to the support frame.

5. The apparatus of claim 1 further comprising an adjustable pin collar mounted to one of the cross member or the first side member, the adjustable pin collar having an upwardly projecting pin thereon, the pin collar being positionable along the first side member to engage a portion of the workpiece.

6. The apparatus of claim 1 further comprising a second side member connected to the cross member and spaced from the first side member such that the vertical mount tube is positioned between the first side member and the second side member.

7. The apparatus of claim 5 further comprising a storage arm mounted to the cross member and extending in a front to back direction, and wherein the adjustable pin collar is mounted to the storage arm.

8. The apparatus of claim 1 wherein the apparatus is part of a kit of parts for making two workpiece support rack structures, and further comprising a second central frame comprising:

a vertical mount tube which is dimensioned to be received on the vertical support tube;

a forward arm which extends frontwardly from the vertical mount tube;

a front member which is fixed to the forward arm and which extends sidewardly;

a plurality of vertical brackets mounted to the front member and sidewardly positionable thereon; and

a vertical member positionably received within each of the vertical brackets, the vertical members being thus positionable with respect to the front arm to accommodate a selected automobile part.

9. A rack for the support of workpieces for the painting of the workpieces, the rack comprising:

an overhead mounting bracket for attachment to an overhead element;

a vertical support tube which is fixed to the overhead mounting bracket, and

5 which extends downwardly therefrom;

a vertical mounting tube connected to the support tube;

a central frame connected to the vertical mounting tube beneath the overhead

mounting bracket, the central frame having a cross member which

extends sidewardly from the vertical mounting tube, and a first side

10 member which is fixed to the cross member and which extends in a front to back direction; and

a front frame which is positionably connected to the central frame, the front

frame having a front arm which extends frontwardly from the vertical

mounting tube, and at least one adjustable side support arm which is

15 adjustably positioned on the front arm and which is positionable with

respect to the side support arm, the side support arm extending towards

the side member, such that a workpiece supported along an upper edge

on the first side member is engageable by the adjustable side support arm

at a position below the workpiece upper edge, the entire apparatus being

20 supported from the overhead element to be spaced above a floor.

10. The apparatus of claim 9 further comprising an adjustable pin collar mounted to one of the cross member or the first side member, the adjustable pin collar having an upwardly projecting pin thereon, the pin collar being positionable along the first side member to engage a portion of the workpiece.

11. The apparatus of claim 9 further comprising a second side member connected to the cross member and spaced from the first side member such that the vertical mount tube is positioned between the first side member and the second side member.

5 12. The apparatus of claim 10 further comprising a storage arm mounted to the cross member and extending in a front to back direction, and wherein the adjustable pin collar is mounted to the storage arm.

13. The apparatus of claim 9 wherein the apparatus is part of a kit of parts for making two workpiece support rack structures, and further comprising a second central
10 frame comprising:

a vertical mount tube which is dimensioned to be received on the vertical support tube;

a forward arm which extends frontwardly from the vertical mount tube;

a front member which is fixed to the forward arm and which extends sidewardly;

15 a plurality of vertical brackets mounted to the front member and sidewardly positionable thereon; and

a vertical member positionably received within each of the vertical brackets, the vertical members being thus positionable with respect to the front arm to accommodate a selected automobile part.

14. A rack for the support of workpieces for the painting of the workpieces,
the rack comprising:

an overhead mounting bracket for attachment to an overhead element;

a vertical support tube which is fixed to the overhead mounting bracket, and

5 which extends downwardly therefrom;

a vertical mounting tube connected to the support tube;

a central frame connected to the vertical mounting tube beneath the overhead
mounting bracket, the central frame having a forward arm which extends
frontwardly from the vertical mount tube;

10 a front member which is fixed to the forward arm and which extends sidewardly;

a plurality of vertical brackets mounted to the front member and sidewardly
positionable thereon; and

a vertical member positionably received within each of the vertical brackets, the
vertical members being thus positionable with respect to the front arm to
15 accommodate a selected automobile part, the entire apparatus being
supported from the overhead element to be spaced above a floor.